

FILE NAME: SY-12

CREATED: 14:29 01-01-22

DATA:

ORIGINAL

MEASURING MODE:

ABS.

SCAN SPEED:

FAST

SLIT WIDTH:

1.0

SAMPLING INTERVAL: 0.2

F I G. 1

RESULT - (AREA-FACTOR) DIVISOR FACTOR = 9.999

REGIUM START END

DIVISOR AREA RESULT

C A M A G ILC Evaluation Software

ARBRO PHARMACEUTICALS LTD 6/14 KIRTI NAGAR INDUSTRIAL AREA NEW DELHI PHONE: 5467228.515-0437. FAX: 91-11-5463784, E-mail: arbo@vsn1.com

TLC/HPTLC-Integration (CATS3.18 S/N:0207A004 / SCANNER I I V3.14 S/N:990602)

ESTIMATION OF L-LYSINE BY HPTLC

Calibration Table created: ARBRO PHARMA LTD Calibr. Table

3/JUN/ 0

File name: AMINO

User name wnile measuring: ARBRO PHARMA LTD

3/10N/0 File name: AMINO

INTEGRATION

Scan

14:54:52

ARBRO PHARMA LTD 15:19:26 3/10N/0 User while integrating:

09/881,569

U 013488-3

File name: AMINO

100.00

3186.2

78.2

100.00

64.1

61.1

64.1

3186.2

11

Total area

[%]

 $\boldsymbol{\omega}$

area

end E E [%] max ے Eu _ Track 1. Analysis a: start E Peak |

0.4 | 72.6 Total height = Track 2. Standard level 1:

Peak	l start			max		<u>е</u>	end	area	e d
#	E		mm	ح	[%]	mm	ح	Ø	[%]
•	62.9	2.8	71.0	63.5	100.00	78.8	0.0	3133.9	100.00
		Total heigh	eight =	63.5		Total	Total area =	3133.9	

F I G. 2A 0.00

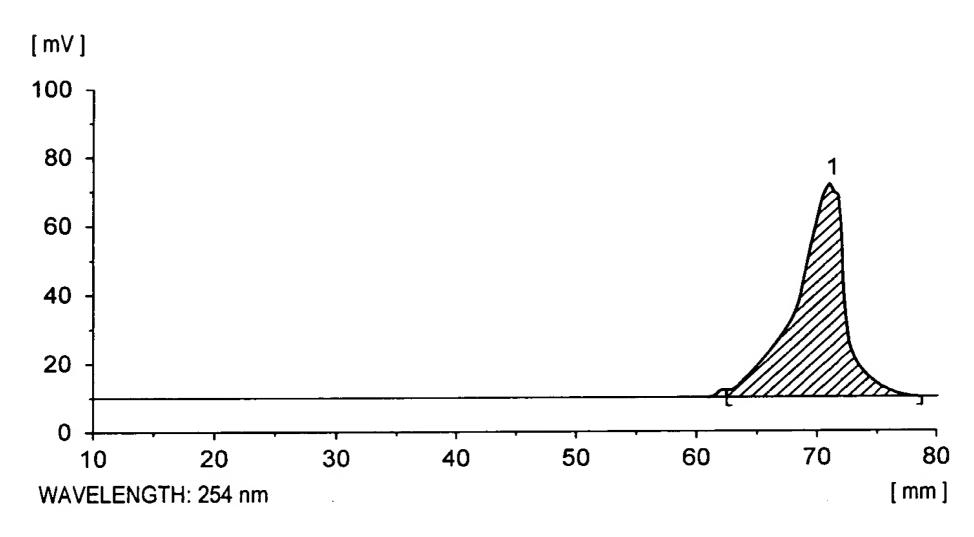
09/881,569 U 013488-3

CALIBRATION: H: AMINO METHOD SCAN INTEGRATION CALIBRATION DATA END

ARBRO PHARMA LTD

3/JUN/2000 15:05 HELP

STANDARD LEVEL 1



TRACK: 2, NOISE LEVEL: 0.108mV, RAW DATA FILE: AMINO CATS3.18 S/N: 0207A004 CAMAG SOFTWARE (c) 1996 **SCANNER II: 990602**

TRACK	2. STANDA	KD LEVEL	1					
PEAK	START		MAX		E	ND .	ARE	ĒΑ
#	mm h 62.9 2.8	mm	h	[%]	mm	h	a 2122.0	[%]
1		AL HEIGHT		100.00			= 3133.9	100.00
	101	ALIBLIGIT	- 00.0		1017		- 5155.5	

FIG. 2b

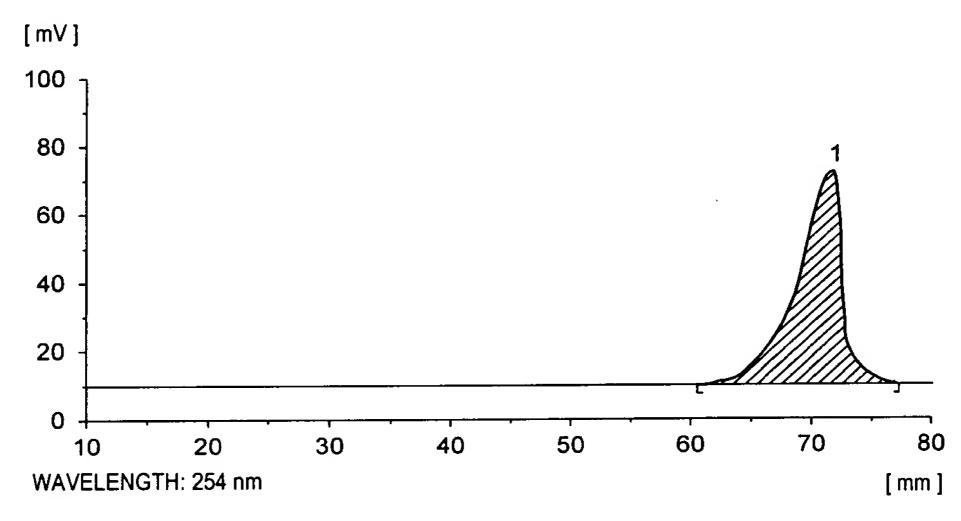
09/881,569 U 013488-3

CALIBRATION : H : AMINO

CALIBRATION: H: AMINO ARBRO PHARMA LTD METHOD SCAN INTEGRATION CALIBRATION DATA END

3/JUN/2000 15:10 HELP

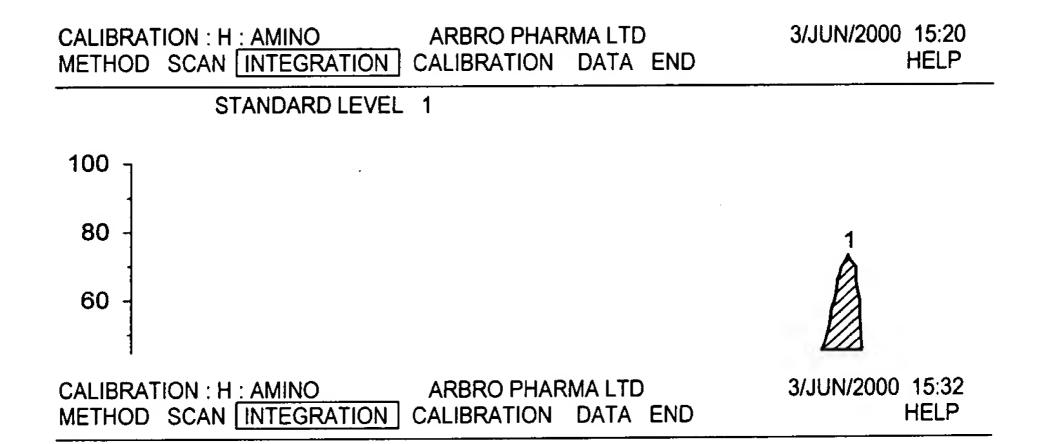
STANDARD LEVEL 1

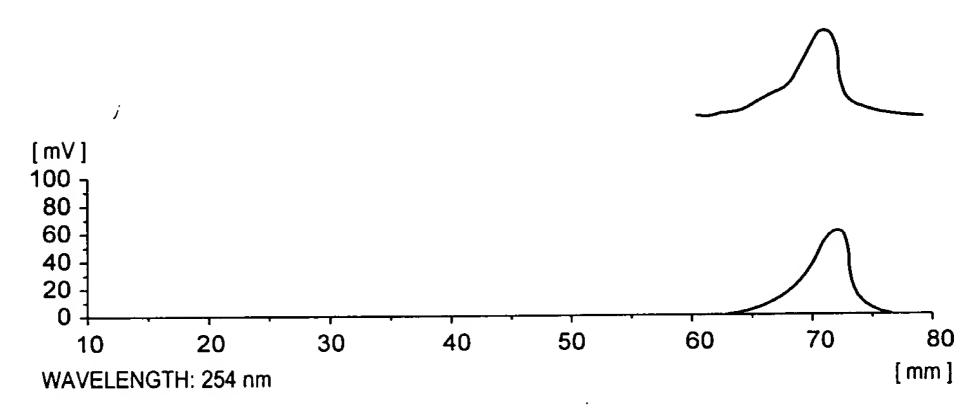


TRACK: 1, NOISE LEVEL: 0.108mV, RAW DATA FILE: AMINO CATS3.18 S/N: 0207A004 CAMAG SOFTWARE (c) 1996 SCANNER II: 990602

TRACK	1. ANA	ALYSIS	a:						
PEAK	STA	RT	1	MAX		E	ND	ARE	ĒΑ
#	mm	h	mm	h	[%]	mm	h	a 3186.2	[%]
1	61.1	0.4	72.6	64.1	100.00	78.2	01	1 3186.2	100.00
		TOTAL	HEIGHT:	= 64.1		TOTA	L AREA	= 3186.2	

FIG. 2c





FILE NAME: AMINO TRACK 1 TO 2 CATS3.18 S/N: 0207A004 CAMAG SOFTWARE (c) 1996 SCANNER II: 990602

FIG. 2d

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UT

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TU

SUBMITTER:

PUSHPA KHANNA

SAMPLE NAME:

GOURDIN

DATE:

YIELD(pmol): ILE(2) 98.11 YIELD(pmol): GLU(3) 56.13

CARRYOVER: ILE(6) 22.6% REP YIELD: ILE(2.23) 92.3%

SEQSTD YIELD: NL(6) 2.30 SEQSTD CARRYOVER: NL(6) 23.0%

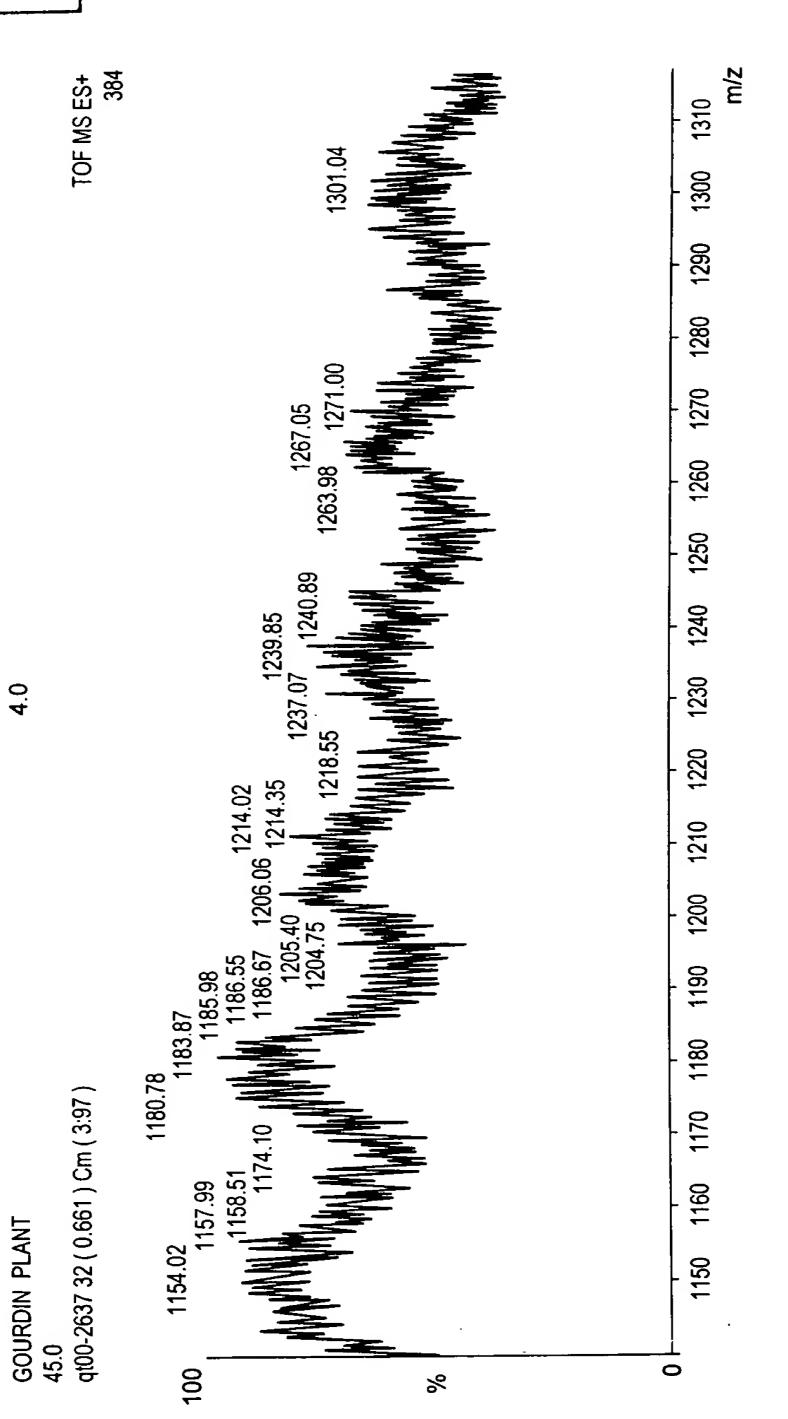
SEQSTD REP YIELD: NL(6.11) 97.0%

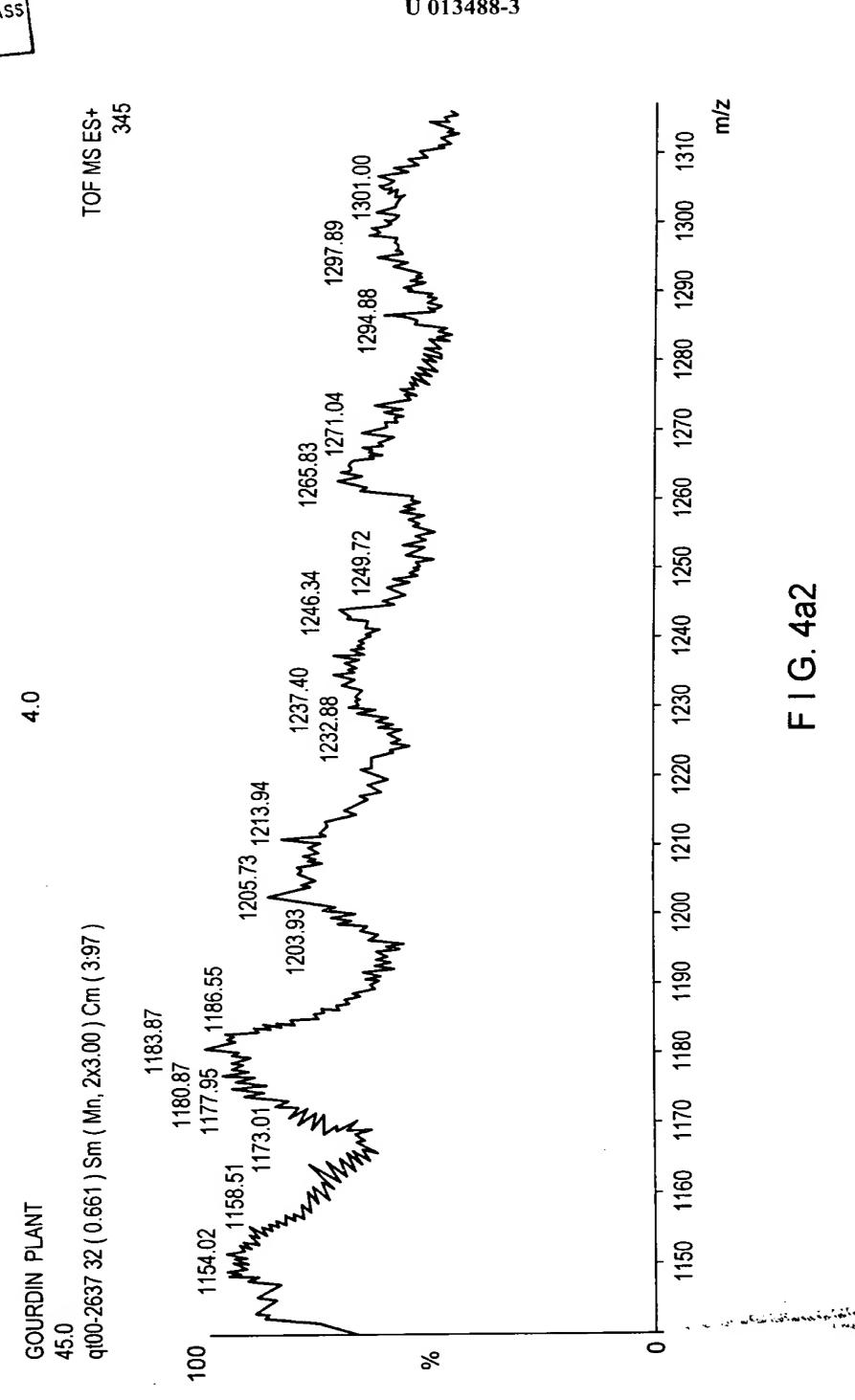
COMMENTS: Mixtures with interchangeable amino acid at positions 12,13,15-19, 25-27 and 31-34.

Appears to be a mixture of sequences.

F I G. 3a

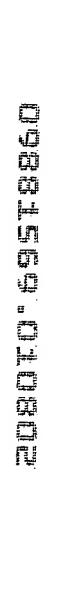
J

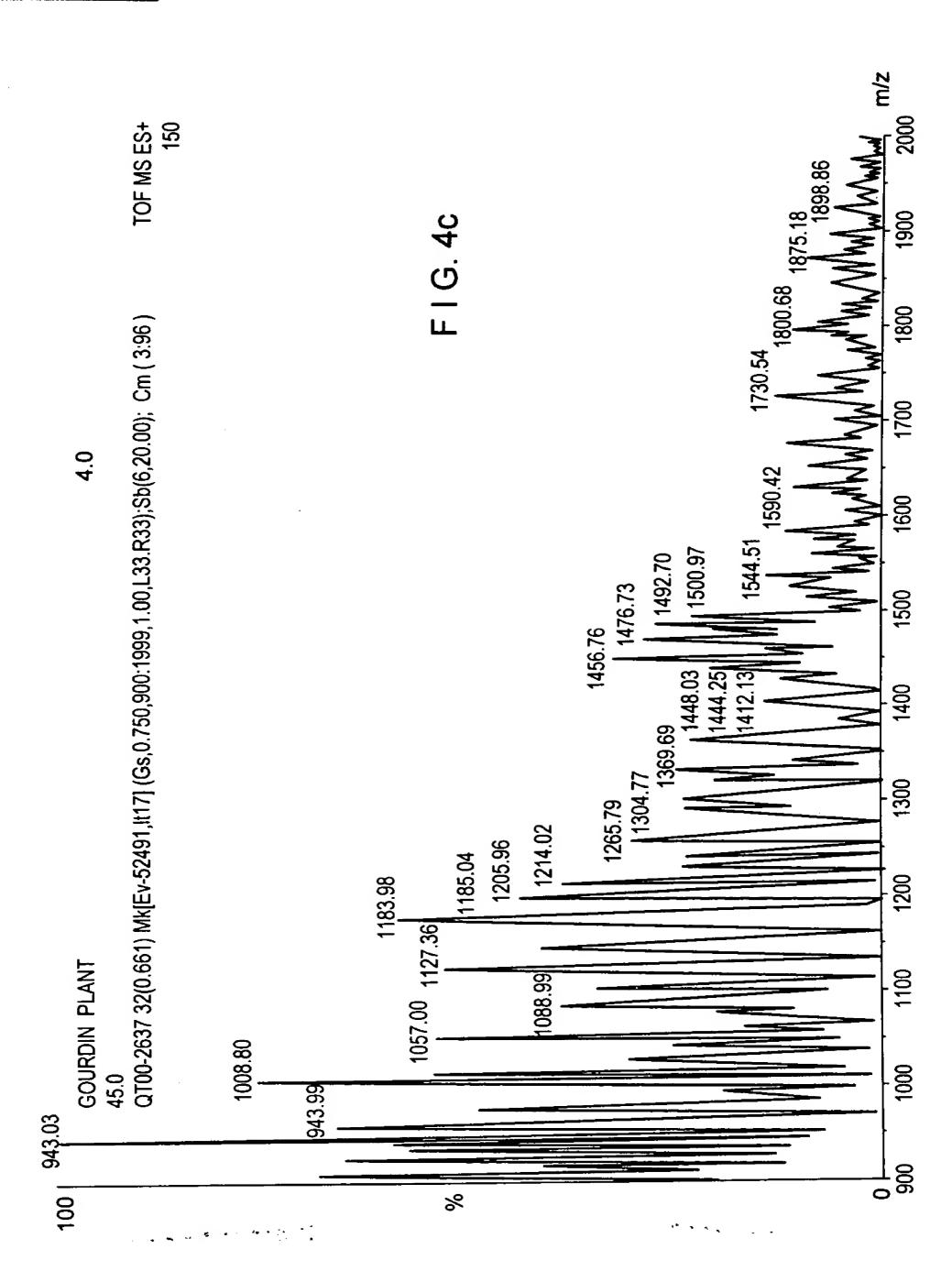


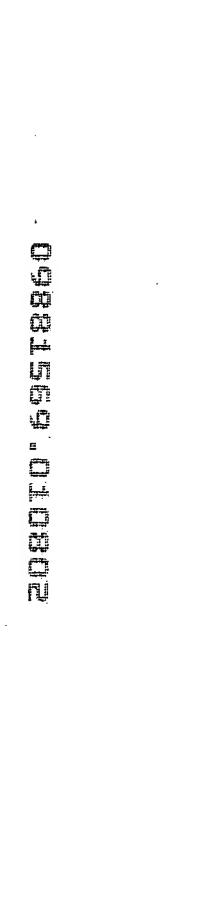


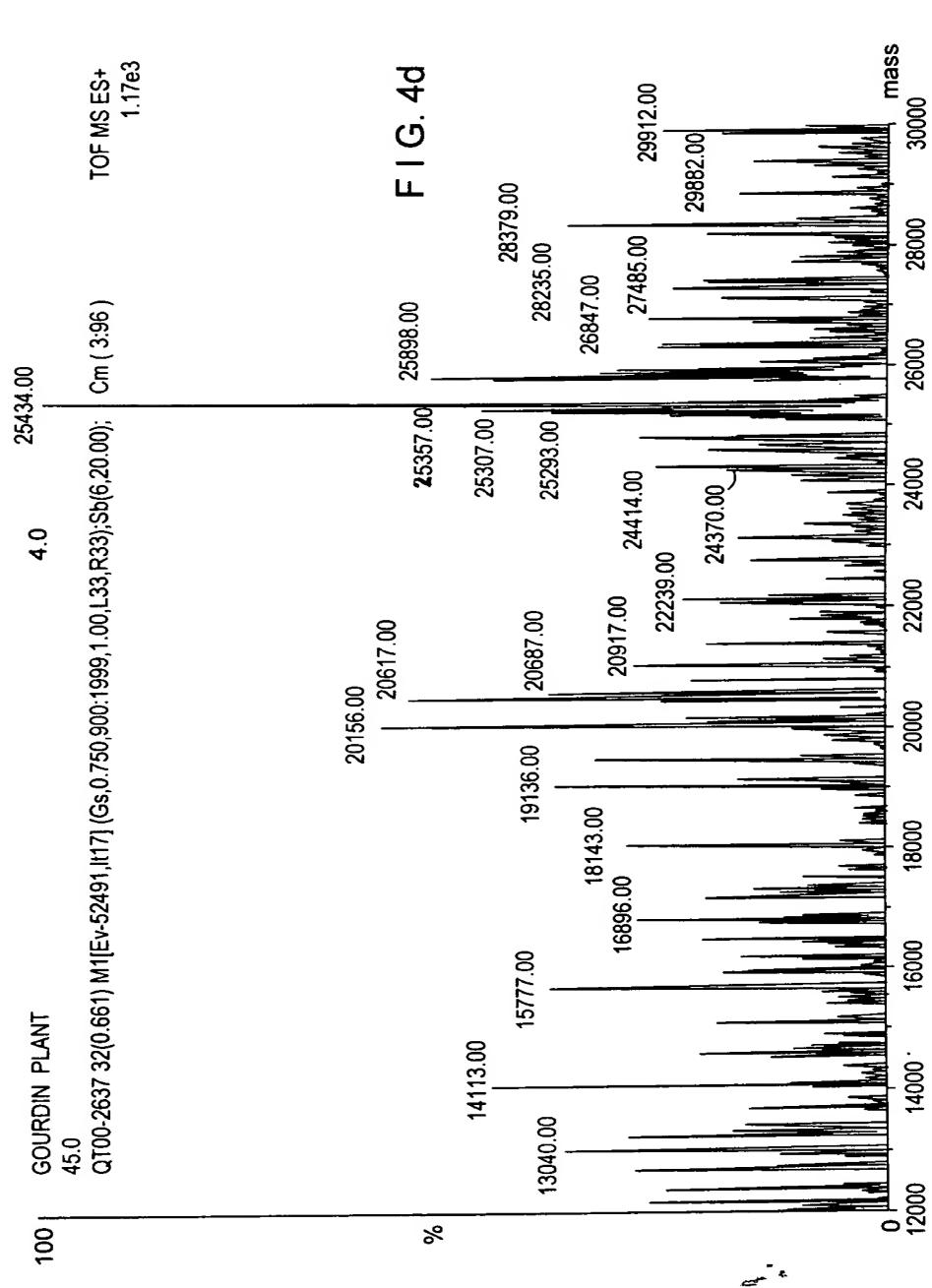
%

%

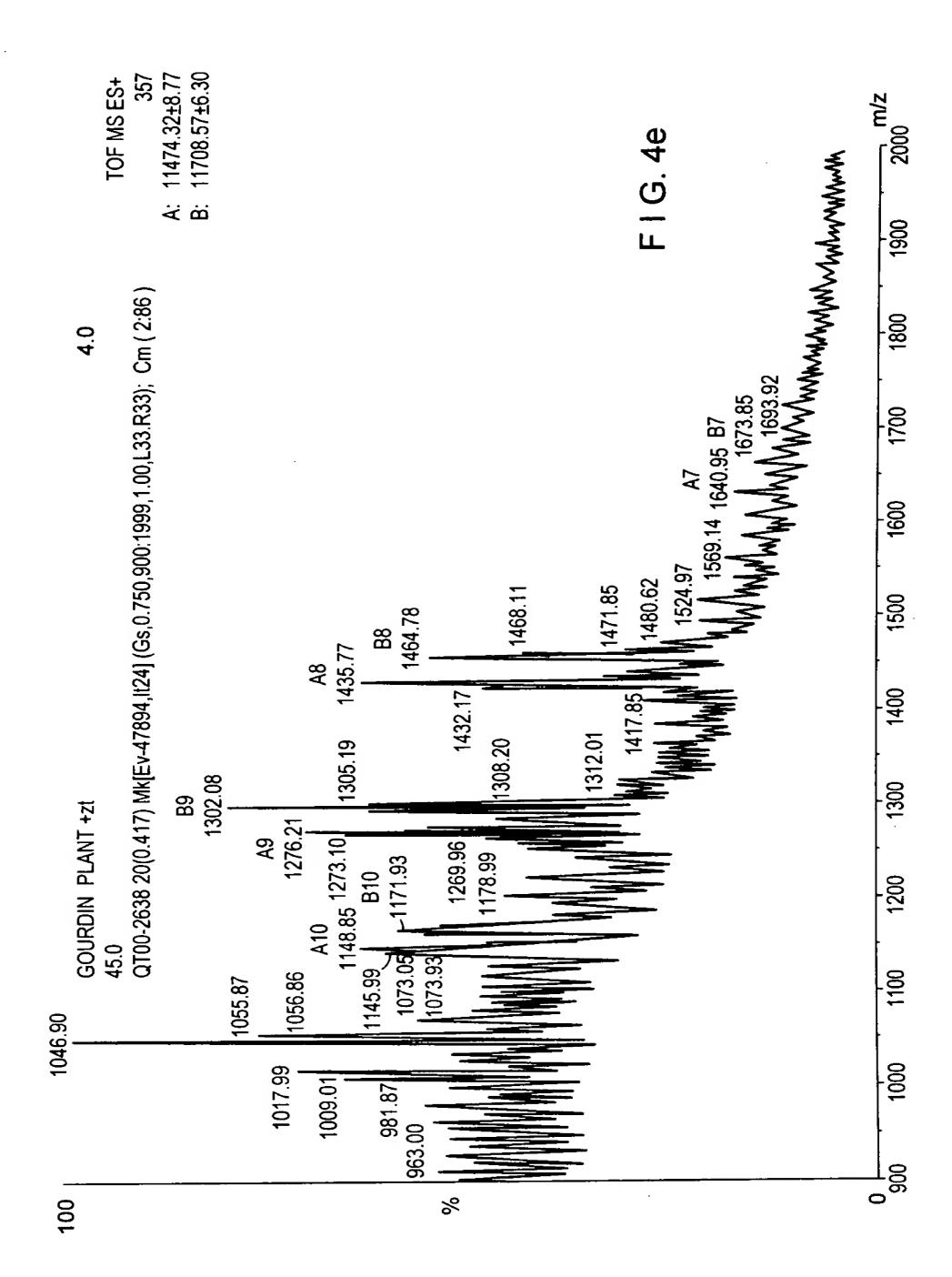








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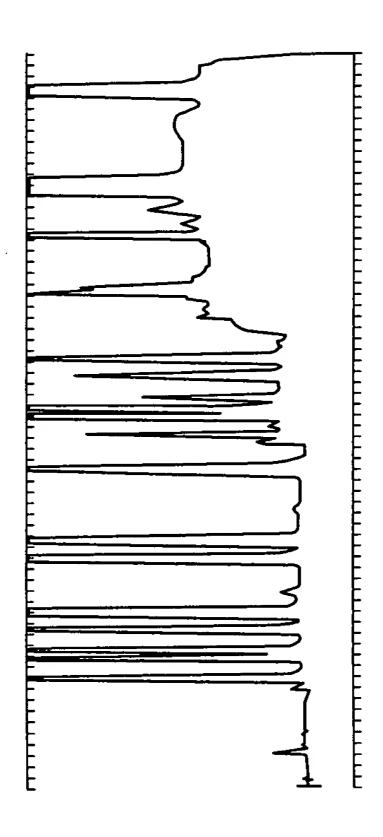


APPROVEU O.G. FIG.

BY CLASS SUBCLASS

DRAFTSMAN

09/881,569 U 013488-3



RAW DATA SAVED IN FILE K: AAA936.PTS SECOND CHANNEL STORED IN K: BAA936.PTS CYCLE 936 PROCESSED: 11-22-2000 14:26:30, SEGMENT 17, SCALE: 15 Mv Ch. A, 15 Mv Ch. B INTERFACE 01 0-68 Min **AMINO ACID ANALYSI**

EXTERNAL STANDARD TABLE

*******	\A936	1 # 457	Ą.		*******	68.00	2.002 sec.
*****	Data File: K:AAA936	13:54:21	Vial #: N.A.		********	on time:	
**************************************	Data	11-22-2000	Channel #: 0	0	女女女女女女女女女女女女女女女女女女女女女女女女女女女女女女女女女女女女女女女	Ending retention time:	One sample per:
000 14:26:30 Vers	Ory	EBECKA	Operator jmc	Area Threshold: 500	*************************		
************ 11-22-2	acid analysis	6:30 Method: F:R	Cycle #: 936	1 Threshold: .5	******************************	0.00	5000
************************	Sample Name: amino acid analysis	Date: 11-22-2000 14:26:30 Method: F:REBECKA	Interface: 0	Starting Peak Width: 21 Threshold: .5	*************************************	Starting Delay: 0	Area reject: 5

SEE FIG. 5a2

F1G. 5a1

1.00

Dilution factor:

1.000000

Amount injected:

Sample weight:

APPROVEO	0.G. I	-IG.
- BY	CLASS	SUBCLASS
BRAFTSMAH	٠	

SEE FIG. 5a1 ♣

PEAK	RET	PEAK	CONCENTRATION	NORMALIZED			AREA	ā	REF	% DELTA	CONC/
NON	-	NAME	in nmoles	CONC	AREA	HEIGHT	HEIGHT	ב	PEAK	RET TIME	E AREA
-				0.1504%	20695	1550	13.4	_	9	-1.592	3.4373E-06
2	8.609			0.0856%	9266	960	13.7	₹	9	0	4.28185-06
က		asx	3.6346	7.6853%	1019304	61489	16.6		9	.5811	3.5658E-06
4		th	1.1549	2.4420%	314916	15245	20.7	7	ၑ	.1132	3.6674E-06
5	12.112		2.0456	4.3254%	595007	27668	21.5	7	ဖ	0	3.4380E-06
9	14.081	int. st	td. 1.0397	2.1985%	576309	23599	24.4	7	9	0	1.0041E-06
7	15.649	xl6 6t	6.6195	13.9567%	1959672	71617	27.4	7	9	.1667	3.3779E-06
∞	17.651	pro+cy		6.1414%	28161	809	34.8	7	9	2854	1.0314E-04
တ	20.554	d S		7.2968%	1098728	36599	30.0	7	တ	0	3.1408E-06
10	22.256	ala	2.8168	5.9961%	801412	25276	31.7	7	တ	0	3.5248E-06
7	28.996	val		5.4358%	783543	16490	42.7	_	တ	0	3.6541E-06
12	32.299	set		1.1894%	157161	8772	17.9	_	16	.0101	3.5792E-06
13	33.166			0.0000%	10132	523	19.4	-			0.0000E+00
14	33.967		_	3.8914%	535119	23330	22.9	7	16	0931	3.4392E-06
15	34.735			6.7031%	953284	38035	25.1	7	16	0	3.3255E-06
16	35.902	nl-std.	d. 6.2739	0.5791%	163238	6196	26.3	7	16	0	1.6777E-06
17	37.871		•	2.2508%	290327	9412	30.8		16	0	3.6666E-06
18	39.473		1.6115	3.4075%	408260	12881	31.7	_	16	0	3.9472E-06
19	45.479		1.2110	2.6711%	203562	8185	24.9	7	16	0	
20	46.013		0.000	0.0000%	154147	5442	26.3	7			0.0000E+00
21	75	lys	1.2451	2.6327%	385456	13267	29.1	7	16	0	3.2302E-06
22	51.885			0.3929%	32441	913	35.5	7	16	0	5.7275E-06
23	.28		0.000	0.0000%	102408	2246	46.6	7			0.0000E+00
24	55.355	NH4	6.1666	13.0391%	3568874	/	27.7	7	16	0	1.7279E-06
25	. 19		3.5602	7.5279%	1016938	22156	45.9	_	16	0	3.5009E-06
	1										

09/881,569 U 013488-3

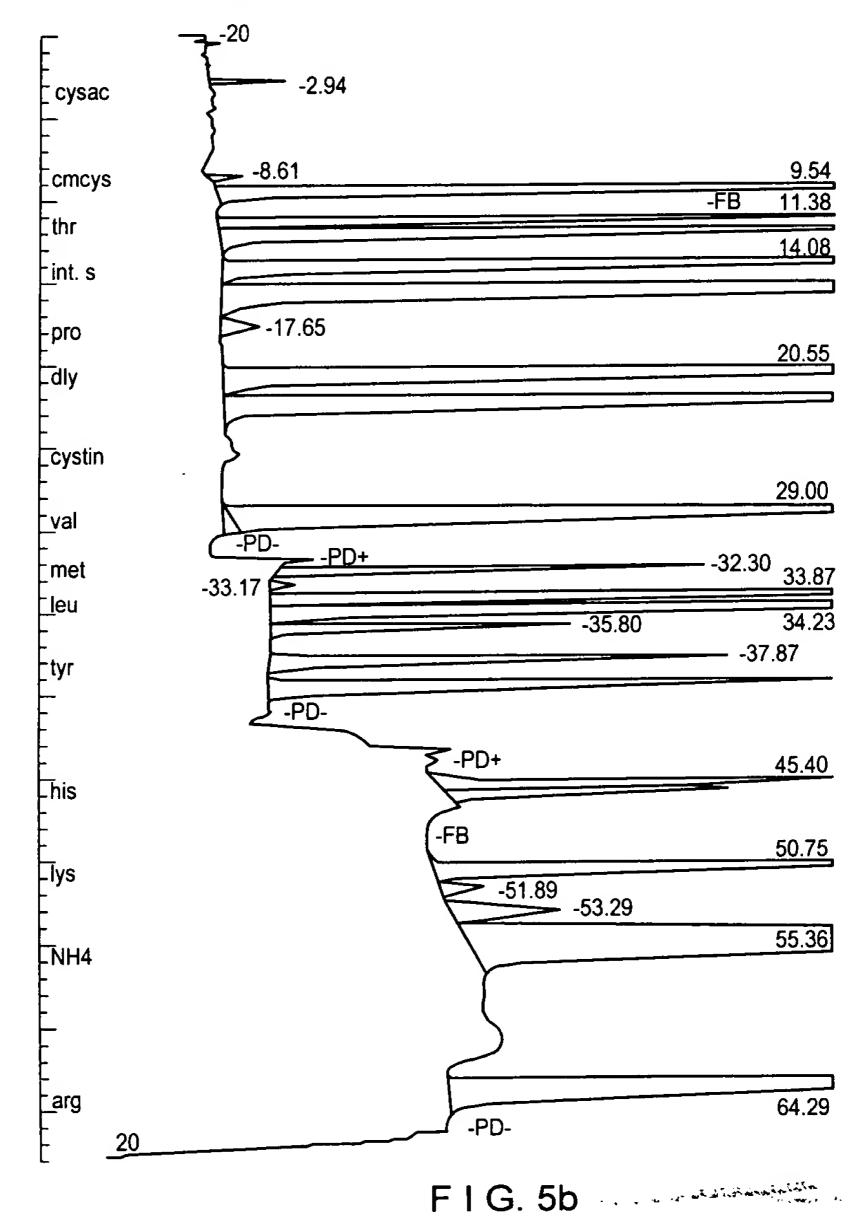
FIG. 5a2

TOTAL AMOUNT: 47.2934

AREAS, TIMES, AND HEIGHTS STORED IN: K: AAA936.ATB

DATA FILE = K: AAA936.PTS PRINTED ON 11-22-2000 AT 14:27:06 START TIME: 0.00 min. STOP TIME: 68.00 min. OFFSET: 0 mv

FULL RANGE: 15 millivolts



APPROVEG 0.G. FIG. ĎΥ CLASS SUSCLASS DRAFTSMAN

09/881,569 U 013488-3

CONC/

% DELTA

1.00

Dilution factor:

AREA

RET TIME

0.0000E+00

0.0000E+00

0.0000E+00

0.0000E+00

0.0000E+00

.2393

EXTERNAL STANDARD TABLE

Version 4.1 ************************ Data File: K:BAA936 14:28:43 ******** 11-22-2000 analysis ************************** Sarriple Name: amino acid

Method: F:REBECKA Date: 11-22-2000 14:26:30

Threshold: 936 Cycle #: Starting Peak Width: 21 Interface: 0

Area Threshold: 500

Vial#: N.A Channel #: Operator jmc

257

13:55:21

11-22-2000

2.002 sec. Ending retention time: One sample per: 5000 Amount injected

000 1.000 Sample weight:

1.00

Area reject:

PEAK

∑ N N

PEAK REF 田田 HEIGHT AREA 18.0 16.8 286 7707 HEIGH1 AREA 5143 NORMALIZED 0.0000% CONC 0.0000 in nmoles CONCENTRATION NAME PEAK 8.775 9.510 TIME RET

24969 59106 47121 129394 0.0000% 0.0000% 0.0000% 0.0000 0.0000 0.0000

11.345 12.079

21.3

1171

24.7

2389 1978

23.8

27.2

3802

375516

30.0

6665

199944

2753

83682

2027

74.6757% 25.3244% 0.0000% 0.0000 6.2317

0.0000% 0.0000% 0.000.0 (2.1133)0.000

15.616 17.651

14.047

1.0570E-05

0.0000E+00

0.0000E+00

1.6595E-05

0

8.3451 **TOTAL AMOUNT:** FIG. 5c2 SEE F1G. 5c1

SEE FIG. 5c1

AREAS, TIMES, AND HEIGHTS STORED IN: K: BAA936.ATB
DATA FILE = K: BAA936.PTS PRINTED ON 11-22-2000 AT 14:28:59
START TIME: 0.00 min. STOP TIME: 68.00 min. OFFSET: -95 mv
FULL RANGE: 15 millivolts

